- (New) The electrode of Claim 1, further comprising a backing plate 21. elastomer bonded to the electrode.
- (New) The electrode of Claim 2, further comprising a backing plate 22. elastomer bonded to the electrode
- (New) The electrode of Claim 22, wherein the backing plate includes gas distribution holes communicating with the gas outlets in the electrode.
  - 24. (New) The electrode of Claim 21, wherein the electrode is free of gas outlets.
  - (New) The electrode of Claim 21, wherein the backing plate is of 25. aluminum, aluminum alloy, silicon carbide or graphite.
  - (New) The electrode of Clahn 22 wherein the backing plate is of aluminum, aluminum alloy, silicon carbide or graphite.
  - (New) The electrode of Claim 2, wherein the gas outlets comprise 27. ultrasonically drilled holes.

- (New) The electrode of Claim 1, further comprising a support member 28. bonded to the electrode.
- (New) The electrode of Claim 28, wherein the support member comprises a 29. plate, cylinder or projections on a base member.

(New) The electrode of Claim 1, having a thickness of about 0.3 to 0.5 30.

inch.